



67°55'00"

- Upper Pleistocene and Recent**
- Calcareous sand
In beaches and as a surficial covering of "12-foot" elevated reef pavement
 - Reef rock
"12-foot" elevated reef pavement
- Pliocene or Pleistocene**
- Lirio limestone
Thick-bedded finely crystalline, pure limestone; not distinguished on plateau surface from Isla Mona limestone. Shown only where exposed in cliff. Width of hatching indicates relative thickness of formation in cliff
 - Isla Mona limestone
Thick- to medium-bedded white limestone and dolomite (at Punta Este)
- Miocene**
- Strike and dip of Isla Mona limestone as exposed in cliff
 - M 3
Sample localities
Referred to in text

QUATERNARY

TERTIARY

EXPLANATION

GEOMORPHIC FEATURES

CLIFFS

Vertical to slightly overhanging cliffs plunging directly into sea

Vertical to near vertical cliffs with talus-encumbered base; fronted by low coastal terrace

PLATEAU

Surface lineations (microrelief) visible from the air; consists of stripes of soil-filled depressions and barren limestone microridges (karrenfels); generally more densely spaced than shown

Prominent low escarpments (generally less than 20 feet)

Rim; low rock ridge at plateau edge

Rampart; low rock ridge

Cave opening

Larger sink holes; generally with thick soil and densely vegetated. Openings into caverns are indicated by solid spot

LOWLAND

Very low beach ridges; apparent only from air

SHORE

Sandy beach

Rocky shore consisting of eroded edge of elevated coral pavement

MARINE

Shallow coral reef; generally exposed at low tide

Grooves

Submarine scarps (from aerial photo interpretation). Where scarp is conspicuously indented with parallel grooves and spurs these features are indicated



GEOLOGIC MAP OF ISLA MONA, PUERTO RICO

1 0 1 Mile
Contour interval 10 meters
Datum is mean sea level

Geology by C. A. Key

484887 O - 59 (In pocket)